

2/

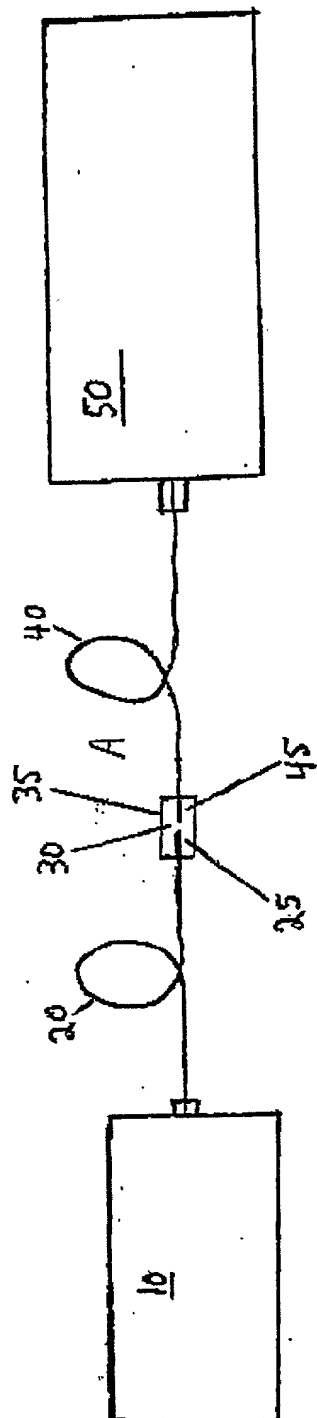


Fig. 1

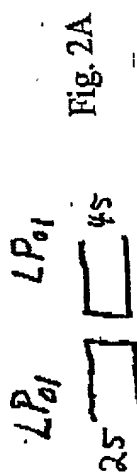


Fig. 2A

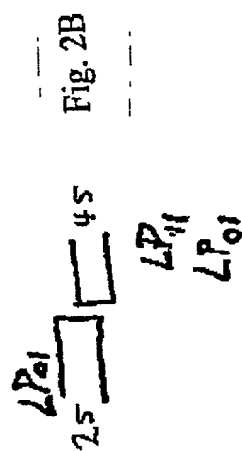
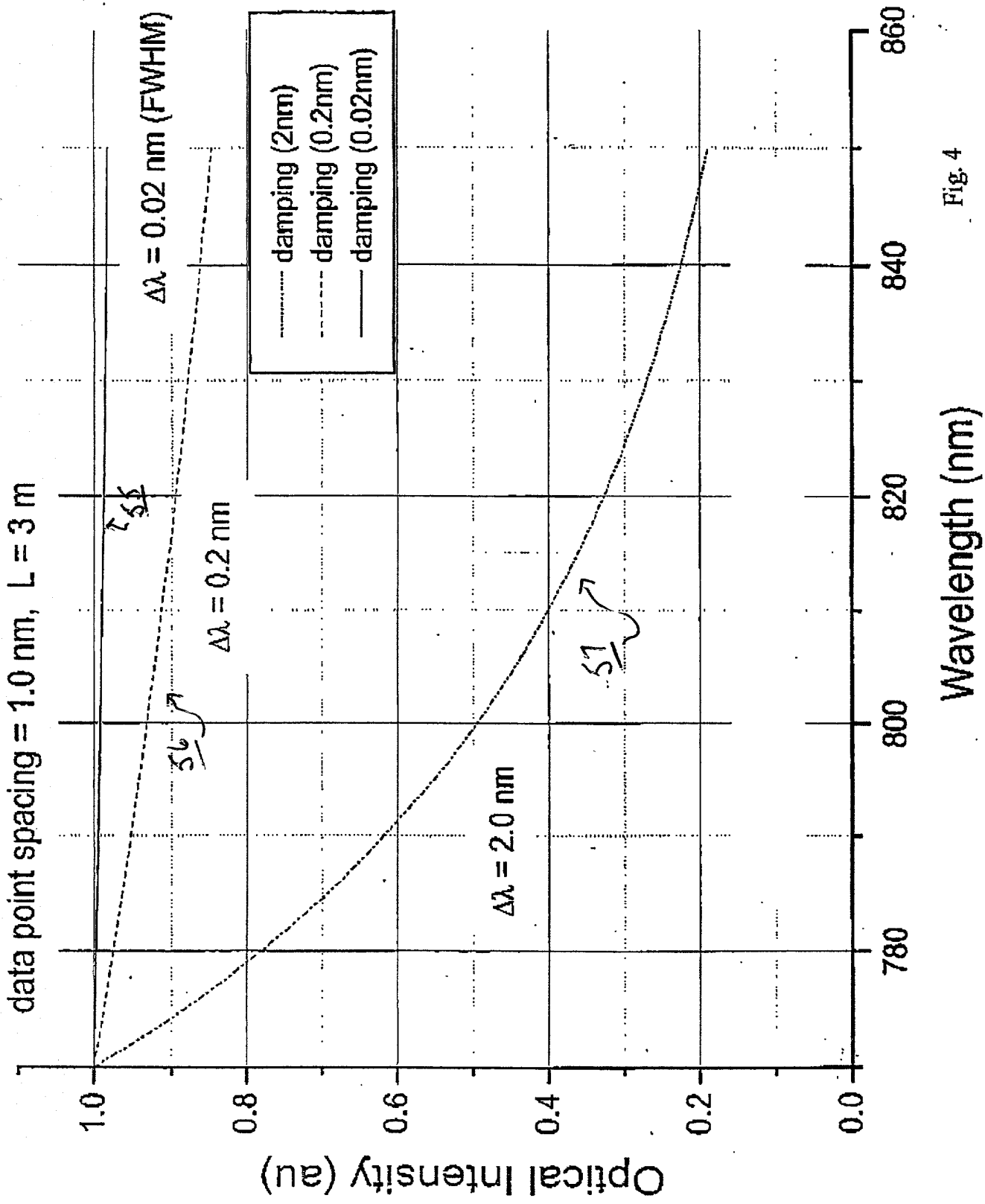


Fig. 2B

Coherence Damping for Various Source Linewidths



Simulated Spectrum for Optical Fiber Length = 10 m

$L = 10$ m, $x_p = 770$, 0.5 nm spacing, $\Delta x = 0.40$ nm source spectral width, FWHM

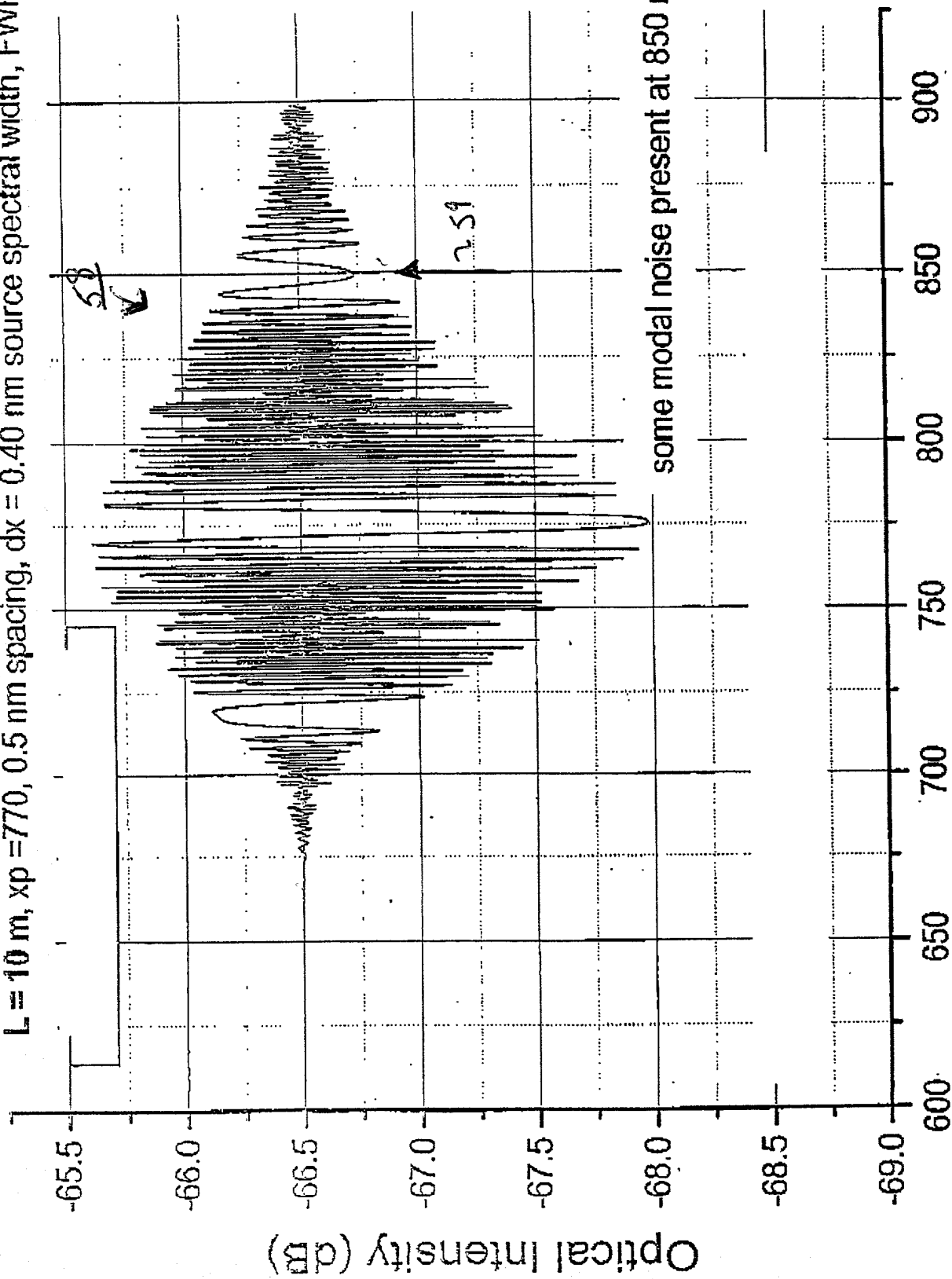


Fig. 5

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 20 m

$L = 20$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

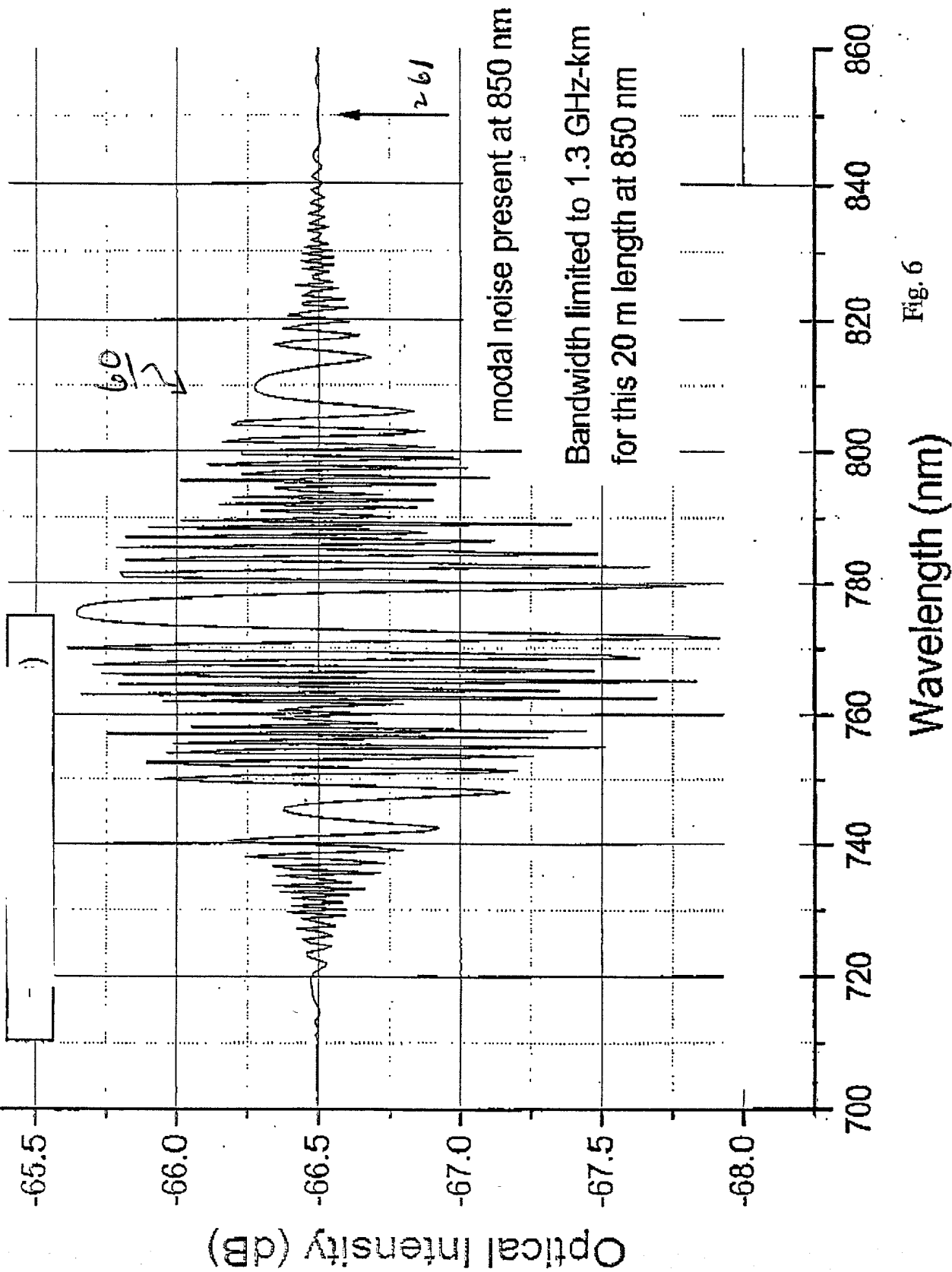


Fig. 6

Simulated Spectrum for Optical Fiber Length = 50 m

$L = 50$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

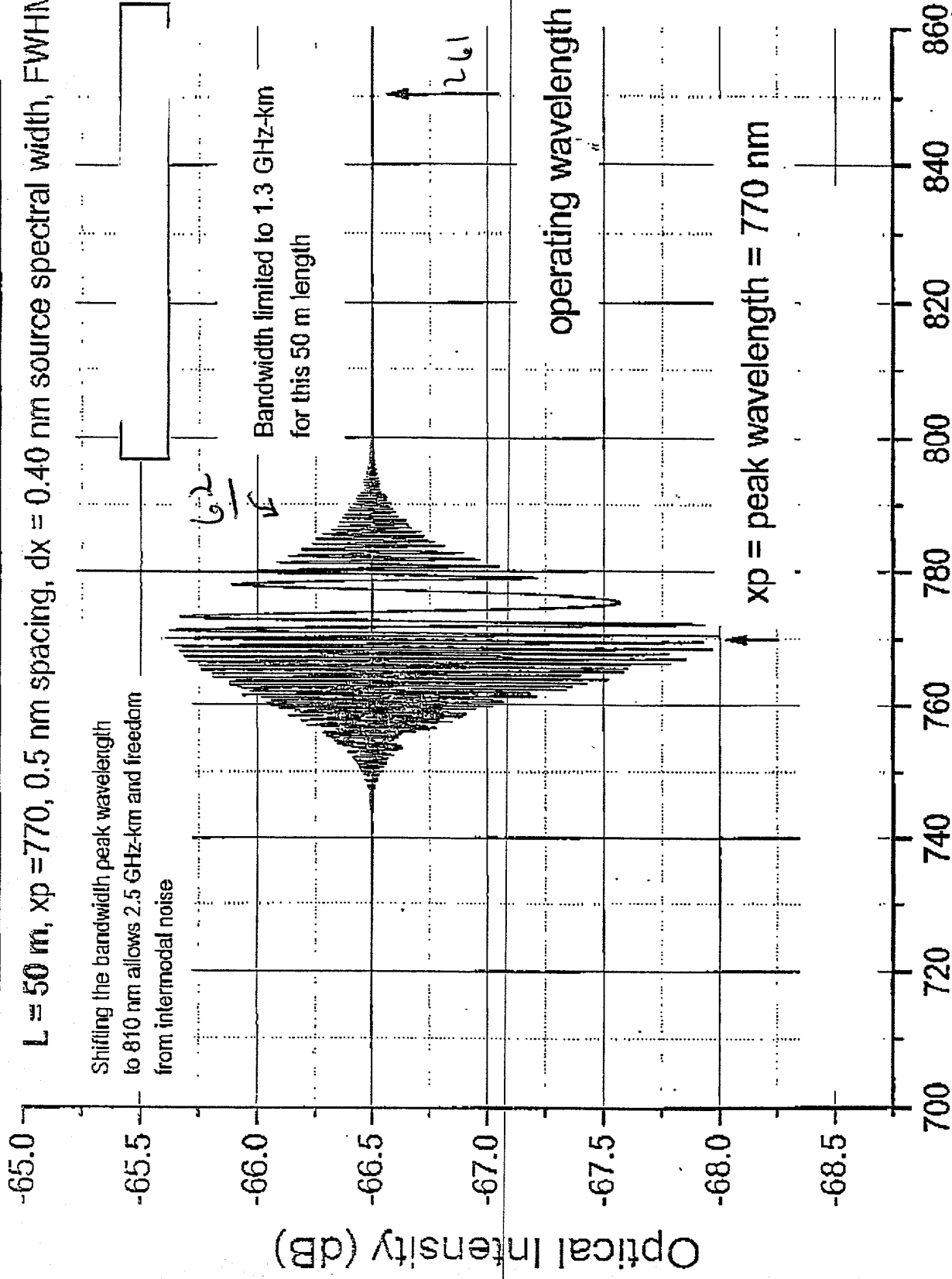


Fig. 7

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 100 m

$L = 100$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

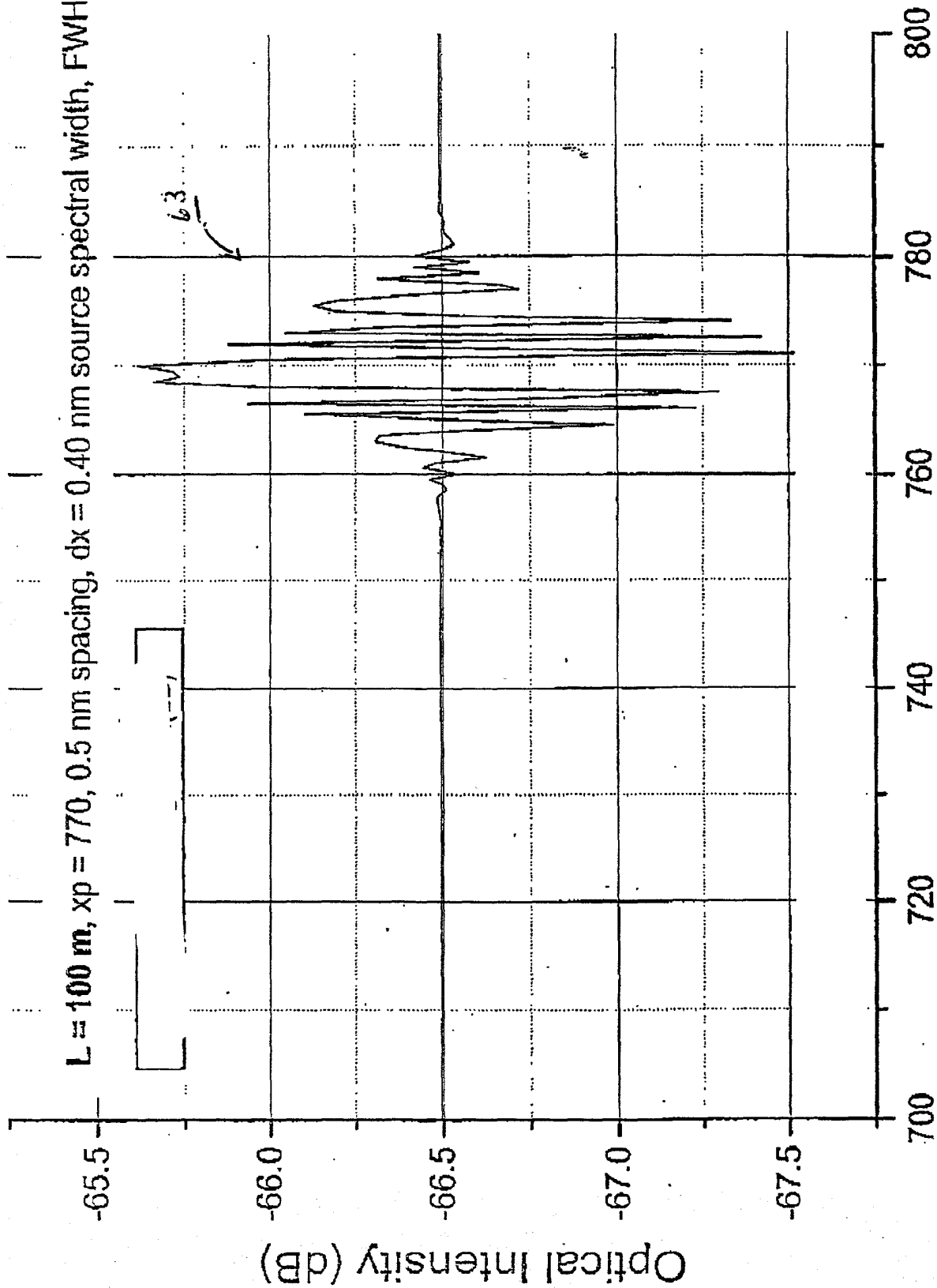


Fig. 8

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 500 m

$L = 500$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

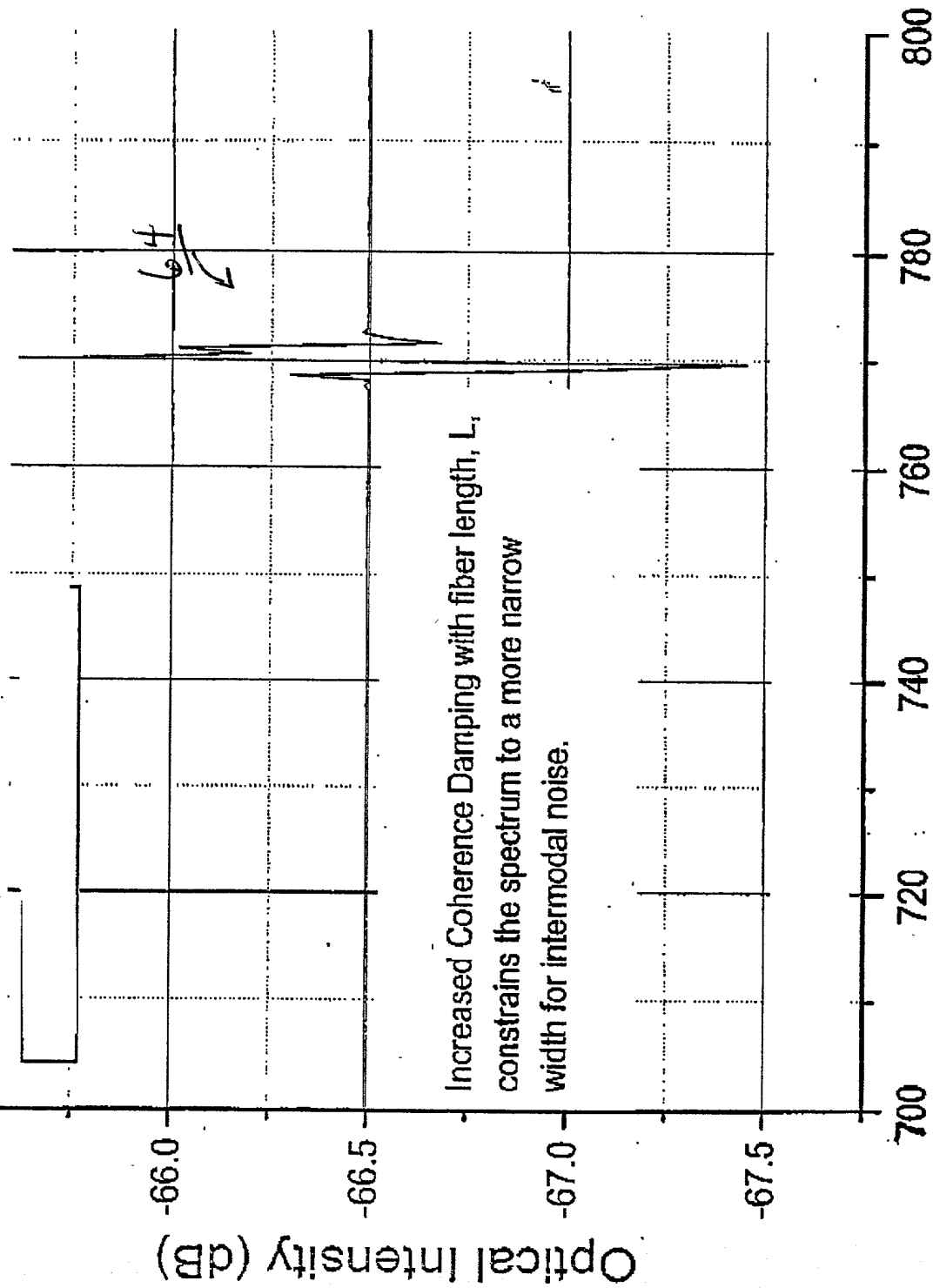
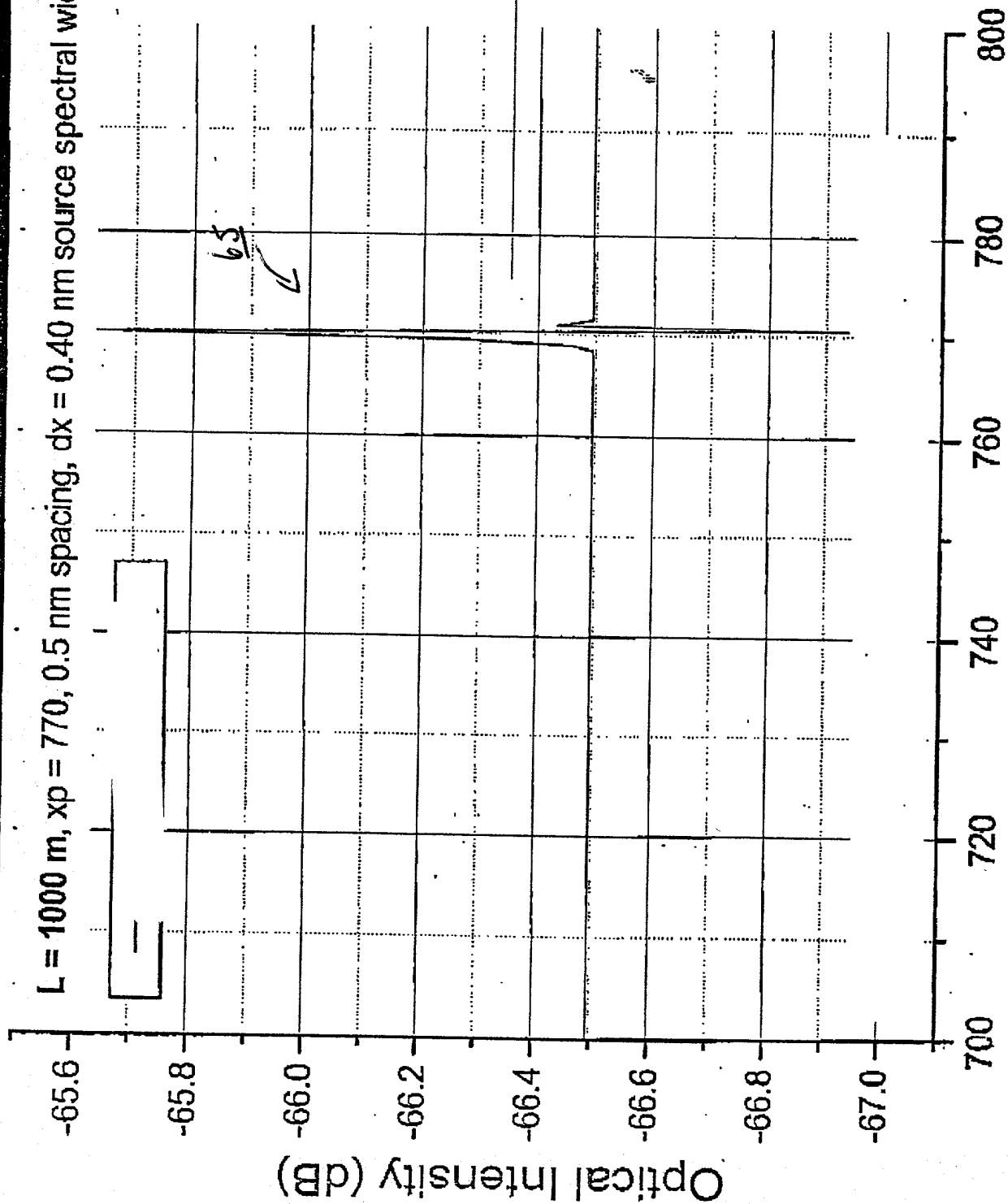


Fig. 9

Simulated Spectrum for Optical Fiber Length = 1000 m

$L = 1000$ m, $x_p = 770$, 0.5 nm spacing, $\Delta x = 0.40$ nm source spectral width, FWHM



Wavelength (nm)

Fig. 10

Simulated Spectrum for Optical Fiber Length = 2000 m

$L = 2000$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

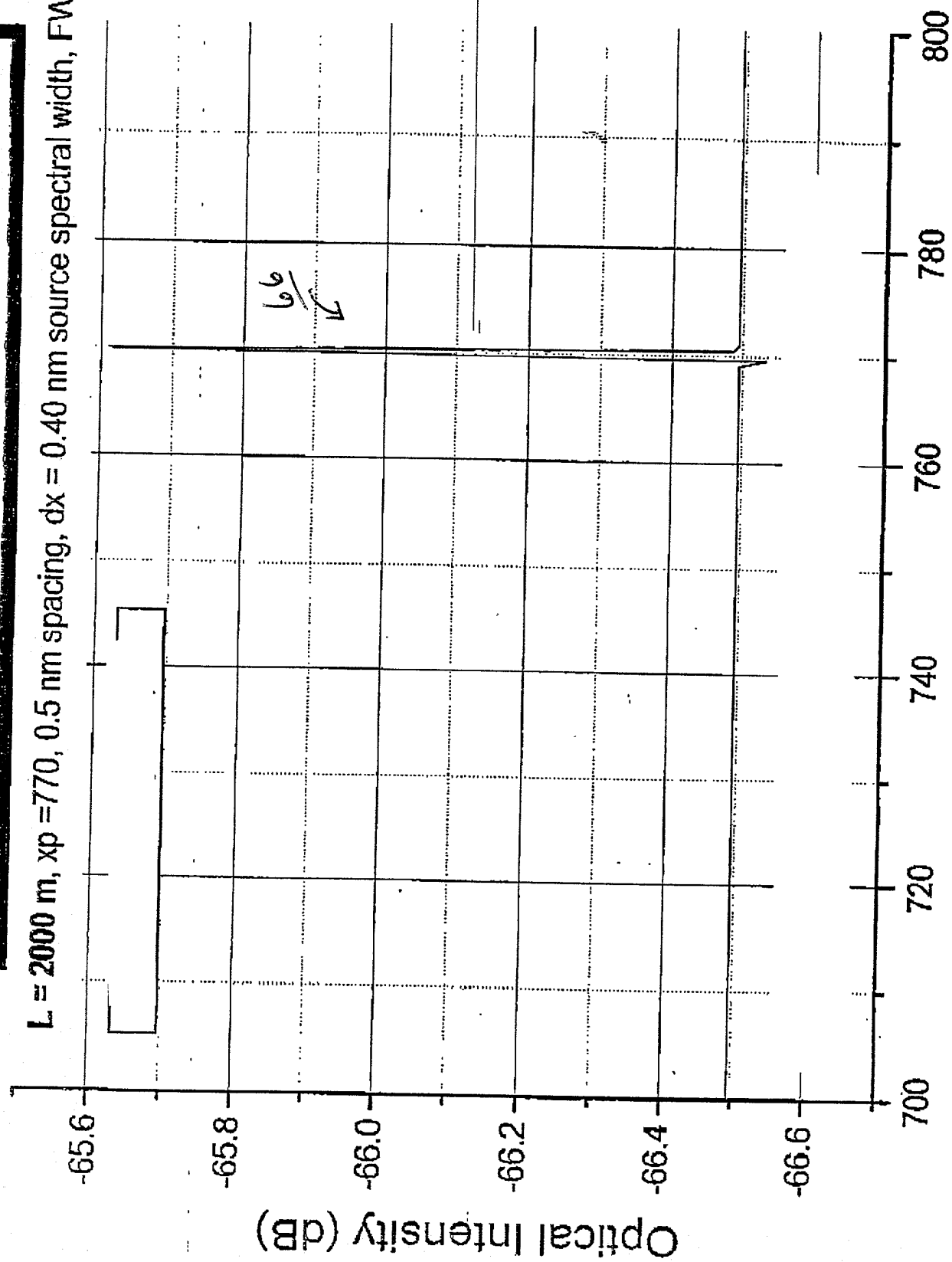
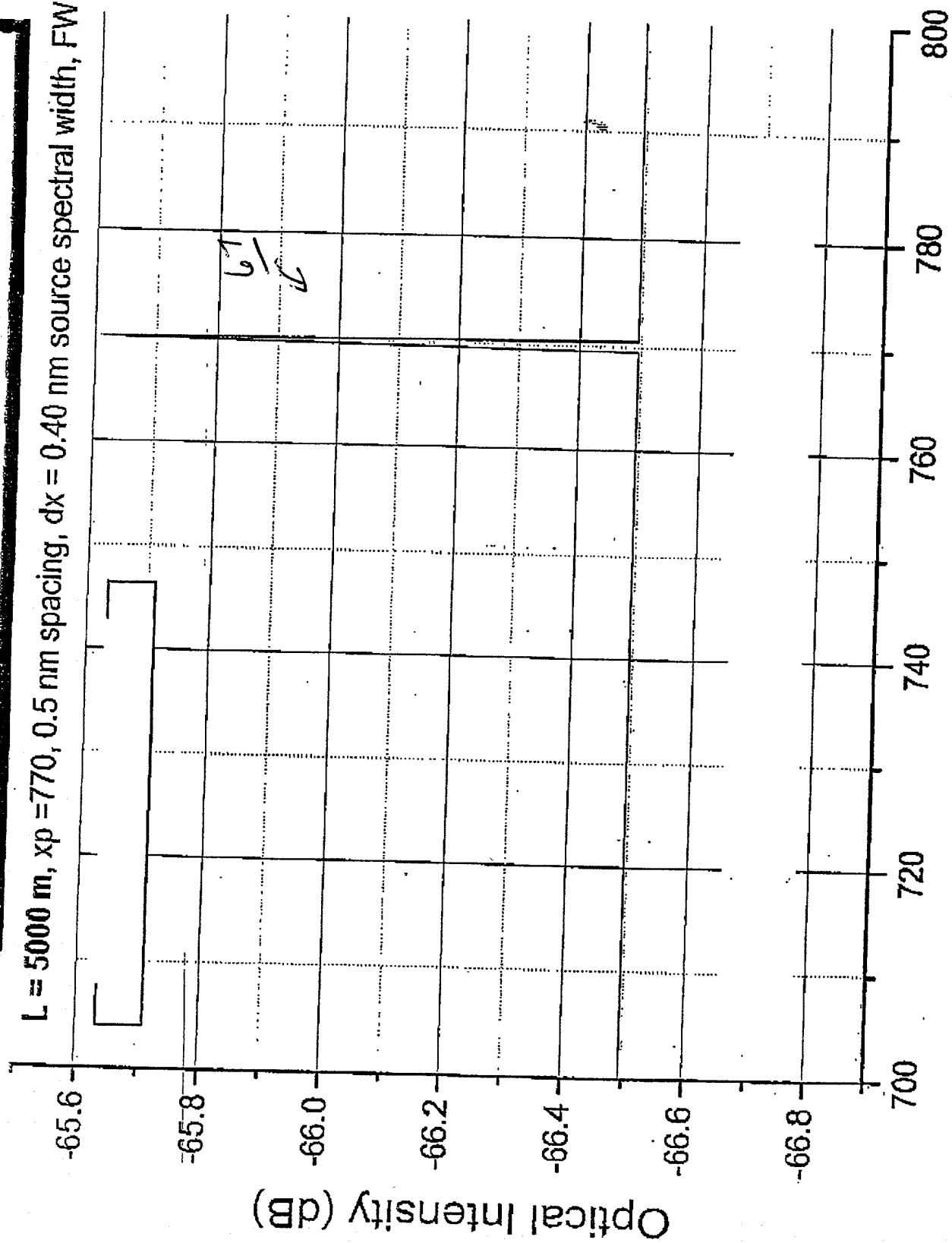


Fig. 11

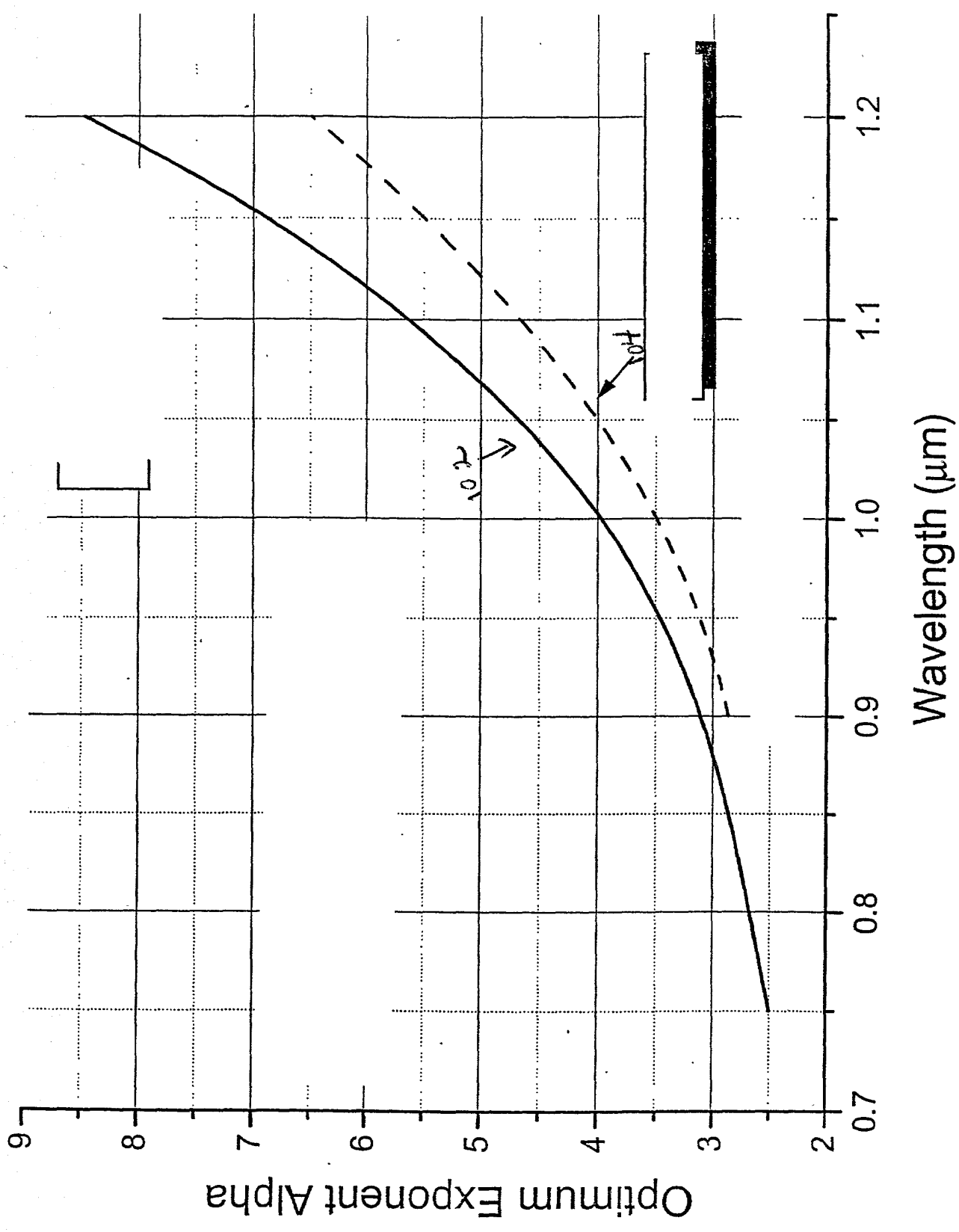
Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 5000 m

$L = 5000$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM



Wavelength (nm) Fig. 12



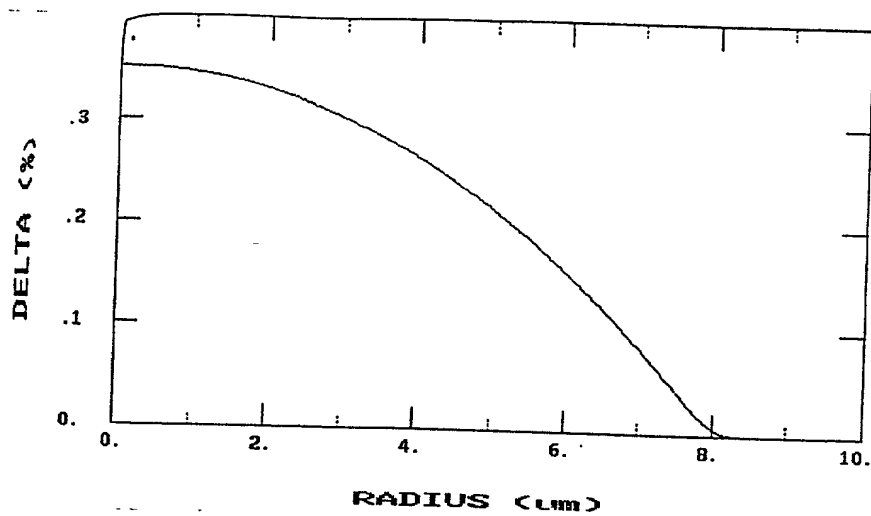


Fig. 14